



VILLAGE OF DEERFIELD

January 27, 2010

Ms. Holly Ostlick
Planner
Chicago Metropolitan Agency for Planning
233 South Wacker Drive, Suite 800
Chicago, IL 60606

Reference: Deerfield Road Sidewalk Improvements and Pedestrian Underpass
TIP ID: 10-06-0055

Dear Ms. Ostlick:

We are in the process of finalizing our Phase II contract documents for the above referenced project. The Deerfield Road Sidewalk Improvements and Pedestrian Underpass Project is intended to provide pedestrians with safer passage of the Deerfield Road Metra railroad underpass. The project currently has a target letting date of April 2010.

During the design phase, the Village of Deerfield coordinated with Metra, the owner of the railway that the new underpass will traverse. The original construction method for the tunnel was to be an open cut and cover operation on a series of successive weekends when travel is at a minimum along the railway. The first submittal to Metra, with the intended open cut and cover method of construction, was rejected because both the inbound and outbound trains arrive in Deerfield at approximately the same time. Since the crossovers are not close to the station, major service disruptions would be caused by the cut and cover method of construction. As a result, we have revised the scope of work by proposing a jacking operation to construct the tunnel. This type of operation was recently used in Aurora to provide a tunnel connection for the commuter parking and the BN/Metra line. Metra has also increased the amount of cover required between the tunnel and the tracks to 5'6". This increases the height and length of wing walls and retaining walls. For these reasons, the estimated costs of these facets are expected to increase the project from \$1.1M to \$1.9M. Therefore, the Village is requesting additional funding from CMAP to keep the project on time and within budget.

The utility coordination process revealed that fiber optic cables run parallel to Deerfield Road on the south side of the Metra underpass. These cables are directionally bored under Deerfield Road and rise sharply on either side of the roadway and traverse beneath the Metra rail line in the proposed work area. The lower underpass elevation required by Metra put these fiber optic lines in direct conflict with the tunnel. To facilitate construction of the new tunnel, the fiber optic cables must be relocated at an estimated cost of \$500,000.

Ms. Holly Ostlick
Page two
January 27, 2010

In summary:

Construction Cost Difference	\$ 800,000
Construction Engineering	\$ 110,000
Utility Relocation	\$ 500,000
Total	\$1,410,000

The Village of Deerfield would appreciate the committee's favorable assessment of this request. If you have any questions or need additional information on this project, please contact me at 847.317.2490 or e-mail blittle@deerfield.il.us.

Very truly yours,



Barbara K. Little
Director of Public Works and Engineering

BKL/rwp

cc: Bruce Christensen, Lake County Council of Mayors
Kent Street, Village Manager
Rick Young, McDonough Associates